

# Anti-OsMADS16 antibody

Catalog: PHY4251S

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	Transcription factor, Development of lodicules and stamens (Os06t0712700-01)
<b>Synonyms:</b>	MADS16, SUPERWOMAN 1, SUPERWOMAN1/OsMADS16, SUPERWOMAN1, superwoman-1, MADS-box transcription factor 16, Protein SUPERWOMAN1, Protein APETALA3-like/SPW1, spw1, OsMADS16
<b>Immunogen:</b>	KLH-conjugated synthetic peptide (13 aa from Central section) derived from <i>Oryza sativa</i> MADS16 (Os06g0712700).
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	50 µg
<b>Purification:</b>	Serum
<b>Reconstitution:</b>	Reconstitution with 50 µl of sterile water. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
<b>Stability &amp; Storage:</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Information

<b>Recommended Dilution:</b>	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Expected / apparent MW:</b>	25 kDa
<b>Predicted Reactivity:</b>	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Zea mays</i> , <i>Sorghum bicolor</i> , and 80-99% homologues with the sequence

Research Use Only

in *Setaria viridis*, *Panicum virgatum*, *Hordeum vulgare*.

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).